

Title (en)

A FUNCTIONAL ASSAY OF HIGH-DENSITY LIPOPROTEIN

Title (de)

FUNKTIONALER NACHWEIS VON LIPOPROTEIN MIT HOHER DICHT

Title (fr)

DOSAGE FONCTIONNEL DE LIPOPROTEINE HAUTE DENSITE

Publication

EP 1272666 A4 20040922 (EN)

Application

EP 01923023 A 20010329

Priority

- US 0110592 W 20010329
- US 53956900 A 20000331
- US 54146800 A 20000331

Abstract (en)

[origin: EP1650312A2] A kit for evaluating the risk of atherosclerosis in a mammal, said kit comprising a container containing one or more oxidised or non-oxidized phospholipids, and instructional materials describing the following assay for evaluating the risk of atherosclerosis in a mammal: (A) contacting a high density lipoprotein (HDL) comprised in a biological sample from said mammal with an oxidised phospholipid; and measuring a change in the amount of oxidised or non-oxidised phospholipid wherein the absence of change in the amount of oxidised phospholipid indicates the mammal is at risk of atherosclerosis or (B) contacting a high density lipoprotein (HDL) comprised in a biological sample from said mammal with a phospholipid; subjecting the phospholipid to oxidising conditions; and measuring a change in the amount of oxidised or non-oxidised phospholipid wherein a change in the amount of oxidised or non-oxidised phospholipid indicates the mammal is at risk for atherosclerosis

IPC 1-7

C12Q 1/68; **G01N 33/53**; **C07H 21/02**; **C07H 21/04**; **A61K 48/00**

IPC 8 full level

G01N 27/62 (2006.01); **A61K 31/7088** (2006.01); **A61K 38/43** (2006.01); **A61K 39/395** (2006.01); **A61K 45/00** (2006.01); **A61K 48/00** (2006.01); **A61P 3/06** (2006.01); **A61P 9/10** (2006.01); **A61P 19/02** (2006.01); **A61P 29/00** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/02** (2006.01); **C12Q 1/26** (2006.01); **C12Q 1/42** (2006.01); **C12Q 1/68** (2006.01); **G01N 21/78** (2006.01); **G01N 30/88** (2006.01); **G01N 33/15** (2006.01); **G01N 33/48** (2006.01); **G01N 33/50** (2006.01); **G01N 33/53** (2006.01); **G01N 33/56** (2006.01); **G01N 33/573** (2006.01); **G01N 33/58** (2006.01); **G01N 33/92** (2006.01)

CPC (source: EP)

A61P 3/06 (2018.01); **A61P 9/10** (2018.01); **A61P 19/02** (2018.01); **A61P 29/00** (2018.01); **C07H 21/02** (2013.01); **C07H 21/04** (2013.01); **C12Q 1/42** (2013.01); **G01N 33/573** (2013.01); **G01N 33/92** (2013.01); **A61K 48/00** (2013.01); **C12Q 1/6883** (2013.01); **G01N 2500/10** (2013.01); **G01N 2800/044** (2013.01)

Citation (search report)

- [X] WO 9859248 A1 19981230 - LEUVEN RES & DEV VZW [BE], et al
- [X] WO 9423302 A1 19941013 - UNIV AUSTRALIAN [AU], et al
- [X] WO 9618898 A1 19960620 - 2860601 CANADA INC [CA], et al
- [X] US H930 H 19910604 - KATO KEIKO [JP], et al
- [X] US 5989803 A 19991123 - TABAS IRA [US], et al
- [DA] US 4367285 A 19830104 - YAMAGUCHI TSUTOMU [JP], et al
- [DA] US 5135716 A 19920804 - THAKORE YATIN B [US]
- [A] LAPLAUD P M ET AL: "PARAOXONASE AS A RISK MARKER FOR CARDIOVASCULAR DISEASE: FACTS AND HYPOTHESES", CLINICAL CHEMISTRY AND LABORATORY MEDICINE, WALTER DE GRUYTER UND CO, DE, vol. 36, no. 7, 1998, pages 431 - 441, XP000907496, ISSN: 1434-6621
- [A] MACKNESS M I ET AL: "HDL, its enzymes and its potential to influence lipid peroxidation.", ATHEROSCLEROSIS. JUN 1995, vol. 115, no. 2, June 1995 (1995-06-01), pages 243 - 253, XP002290469, ISSN: 0021-9150
- [A] MACKNESS M I ET AL: "Low serum paraoxonase: a risk factor for atherosclerotic disease?", CHEMICO-BIOLOGICAL INTERACTIONS. 14 MAY 1999, vol. 119-120, 14 May 1999 (1999-05-14), pages 389 - 397, XP002290470, ISSN: 0009-2797
- [T] DATABASE MEDLINE [online] US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; August 2002 (2002-08-01), NAVAB MOHAMAD ET AL: "Oxidized lipids as mediators of coronary heart disease.", XP002290471, Database accession no. NLM12151851
- [A] VAN DE VIJVER L P ET AL: "LDL oxidation and extent of coronary atherosclerosis.", ARTERIOSCLEROSIS, THROMBOSIS, AND VASCULAR BIOLOGY. FEB 1998, vol. 18, no. 2, February 1998 (1998-02-01), pages 193 - 199, XP002290551, ISSN: 1079-5642 & CURRENT OPINION IN LIPIDOLOGY. AUG 2002, vol. 13, no. 4, August 2002 (2002-08-01), pages 363 - 372, ISSN: 0957-9672

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0175170 A1 20011011; AT E306563 T1 20051015; AU 2001249762 B2 20060330; AU 4976101 A 20011015; AU 4976201 A 20011015; CA 2404000 A1 20011011; CA 2404000 C 20100727; CA 2404350 A1 20011011; DE 60113976 D1 20060223; DE 60113976 T2 20060727; DK 1272666 T3 20060227; EP 1272666 A1 20030108; EP 1272666 A4 20040922; EP 1272666 B1 20051012; EP 1274862 A1 20030115; EP 1274862 A4 20050622; EP 1650312 A2 20060426; EP 1650312 A3 20060517; ES 2250378 T3 20060416; JP 2003529375 A 20031007; JP 2003529775 A 20031007; JP 4675539 B2 20110427; WO 0175168 A1 20011011

DOCDB simple family (application)

US 0110592 W 20010329; AT 01923023 T 20010329; AU 2001249762 A 20010329; AU 4976101 A 20010329; AU 4976201 A 20010329; CA 2404000 A 20010329; CA 2404350 A 20010329; DE 60113976 T 20010329; DK 01923023 T 20010329; EP 01923022 A 20010329; EP 01923023 A 20010329; EP 05022081 A 20010329; ES 01923023 T 20010329; JP 2001573040 A 20010329; JP 2001573042 A 20010329; US 0110590 W 20010329